ABSTRACT OF THE DISCLOSURE

A buttonhole sewing machine for producing buttonhole seams with seam end sections of various shapes in a work piece comprises an input equip-

5   ment for feeding buttonhole parameters; and a computer for calculating, from the buttonhole parameters, sewing data that determine the respective buttonhole geometry. It further comprises a memory for storing the computed sewing data and a key to be shifted into two key statuses, by means of which to trigger conversion of a buttonhole seam from a position to the

10   left to a position to the right or vice versa, and storage thereof.